

IN THE CLAIMS

1. (Original) A sealed component for a magnetic resonance imaging scanner comprising:

cured sealing compound carrying at least one RF coil and at least one gradient coil for magnetic resonance imaging; and

an actuator module comprising an actuator for active noise control during said magnetic resonance imaging, said actuator having opposite ends, two holding elements respectively rigidly fastened to the opposite ends of the actuator, two actuator receiving elements respectively fastened to the two holding segments, said two actuator receiving elements being embedded in the cured sealing compound with a spacing between said two receiving elements, and each of said two receiving elements having a fastening segment that protrudes into a recess in the sealing compound.

2. (Original) A sealed component as claimed in claim 1 wherein said two holding segments are respectively screwed onto said two receiving elements.

3. (Original) A sealed component as claimed in claim 2 wherein each of said receiving elements comprises a perforated anchoring plate region connected to the fastening segment, the fastening being thicker than said plate region and said fastening segments having threaded bores therein for respectively receiving screws for fastening to one of said holding segments.

Claims 4-9 have been cancelled

4.-9 (Cancelled)

Add the following new claims:

10. (New) An arrangement for manufacturing a sealed component for a magnetic resonance imaging scanner, comprising the steps of:

providing an actuator module comprising an actuator for active noise control during magnetic resonance imaging with holding segments rigidly fastened respectively to opposite ends of the actuator, said actuator having a base region;

two actuator receiving elements each having a fastening surface and threaded holes adapted to receive screws for fastening one of said holding segments thereto;

pourable sealing compound that seals at least one of a radio-frequency coil and a gradient coil for use in said magnetic resonance imaging; and

an installation template that, during pouring of said sealing compound, removably engages the two actuator receiving elements and projects from said sealing compound to hold said actuator receiving elements in a predetermined installation position, and covers the respective fastening surfaces and threaded holes of the two actuator receiving elements so that said fastening surfaces and threaded holes are not wetted by the sealing compound.

11. (New) An arrangement as claimed in claim 10 wherein said installation template has a plurality of spacing pins seated on the respective fastening segments of the actuator receiving elements, and said arrangement comprising an elastic sealing plate between the actuator receiving elements and the template into which the pins penetrate, said elastic sealing plate having a thickness exceeding a length

of the spacing pins, and screws for engaging the installation template with the actuator receiving elements, said screws proceeding through said installation template and into the respective actuator receiving elements and being tightened until the pins respectively contact the actuator receiving elements.

12. (New) An arrangement as claimed in claim 11 wherein said installation template has a surface profile adapted to receive a withdrawal tool for withdrawing the installation template from the sealing compound.

13. (New) An arrangement as claimed in claim 12 wherein said surface profile comprises threaded bores.

14. (New) An arrangement as claimed in claim 12 comprising a removable protective plate covering said installation plate during said pouring of said sealing compound that prevents wetting of said surface profiles by said sealing compound.

15. (New) An arrangement as claimed in claim 14 wherein said protective plate has sealing plugs that engage said surface profile with a press fit.